

YSCI50-30M-40M-N

30-40 MHz Coaxial Isolator, 50 W, 20 dB Isolation

Key Features

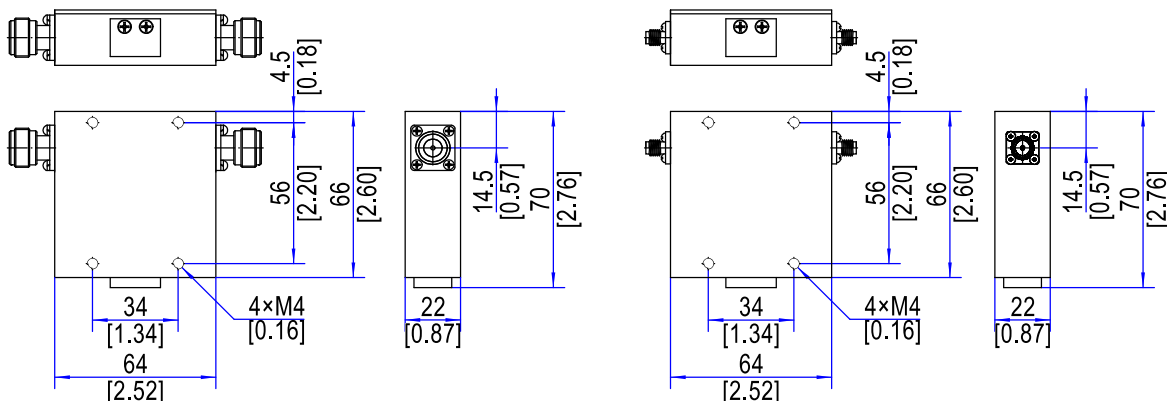
- Wide frequency coverage
- High isolation and low insertion loss
- Compact coaxial design for easy integration
- High power handling capability
- Excellent VSWR for reliable signal matching

Applications

- Satellite & Aerospace Communications
- Radar and electronic warfare (EW) systems
- Test & measurement equipment
- RF power amplification chains
- Telecommunication and broadcast networks

Electrical Specifications					
Frequency Range (MHz)	Insertion Loss (dB Max)	Isolation (dB Min)	VSWR	CW Power (w)	Reverse Power (w)
30.0-31.0	2.0	18	1.30	50	20/50
31.0-32.0	1.9	18	1.30	50	20/50
32.0-33.0	1.8	18	1.30	50	20/50
33.0-34.0	1.8	18	1.30	50	20/50
34.0-35.0	1.7	18	1.30	50	20/50
35.0-37.0	1.6	18	1.30	50	20/50
37.0-39.0	1.6	18	1.30	50	20/50
38.0-40.0	1.5	20	1.25	50	20/50
Impedance	50 Ω				
Environmental Specifications					
Operating Temperature	-20°C to +70°C				
Storage Temperature	-40°C to +90°C				
Mechanical Specifications					
Connectors	N-Type Female, SMA Female				
Dimension ¹	64×70×22 mm / [2.52×2.76×0.87 in]				

Outline Drawing (Units: mm/[inch], Tolerance: ± 0.3 mm)



Outline A
N-Type Connector

Outline B
SMA Connector

Ordering Information:

Example: 30-31 MHz, 50 W, N-Type Connector, Reflected Power 50 W.

Model: YSCI50-30M-31M-N-50

Note 1:Excluding connector size.